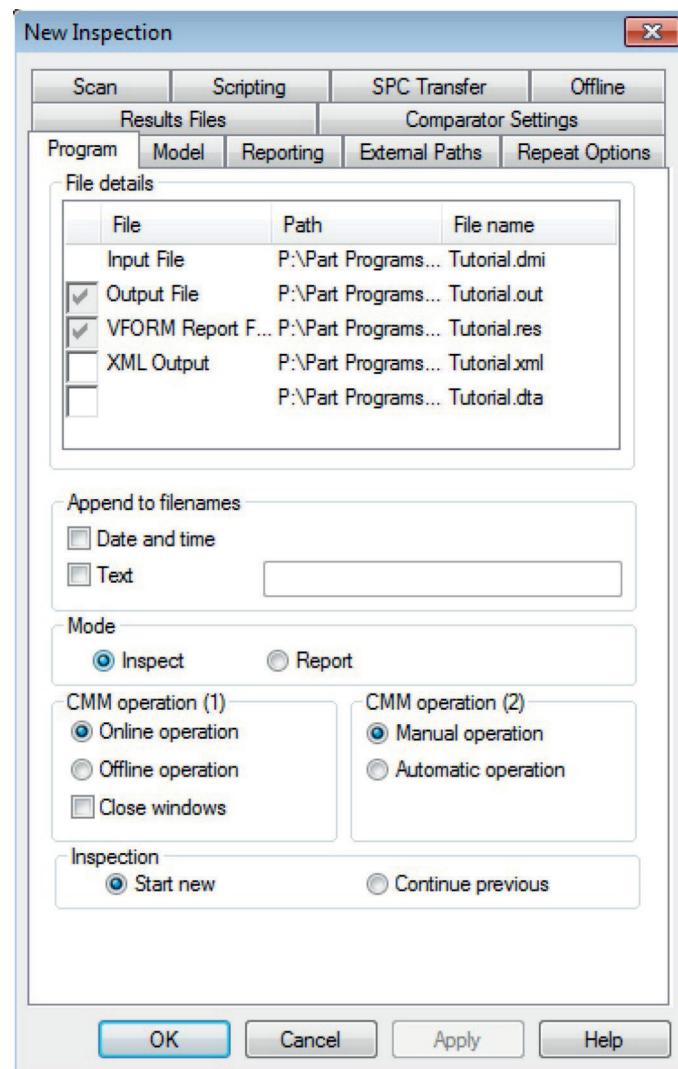


# Basic options within the 'New Inspection' dialogue (CAD)



© 2013 Renishaw plc. All rights reserved.

Renishaw® is a registered trademark of Renishaw plc.

This document may not be copied or reproduced in whole or in part, or transferred to any other media or language, by any means, without the prior written permission of Renishaw.

The publication of material within this document does not imply freedom from the patent rights of Renishaw plc.

### **Disclaimer**

Considerable effort has been made to ensure that the contents of this document are free from inaccuracies and omissions. However, Renishaw makes no warranties with respect to the contents of this document and specifically disclaims any implied warranties. Renishaw reserves the right to make changes to this document and to the product described herein without obligation to notify any person of such changes.

### **Trademarks**

All brand names and product names used in this document are trade names, service marks, trademarks, or registered trademarks of their respective owners.

## **Basic options within the ‘New Inspection’ dialogue (CAD)**

## Care of equipment

Renishaw probes and associated systems are precision tools used for obtaining precise measurements and must therefore be treated with care.

## Changes to Renishaw products

Renishaw reserves the right to improve, change or modify its hardware or software without incurring any obligations to make changes to Renishaw equipment previously sold.

## Warranty

Renishaw plc warrants its equipment for a limited period (as set out in our Standard Terms and Conditions of Sale) provided that it is installed exactly as defined in associated Renishaw documentation.

Prior consent must be obtained from Renishaw if non-Renishaw equipment (e.g. interfaces and/or cabling) is to be used or substituted. Failure to comply with this will invalidate the Renishaw warranty.

Claims under warranty must be made from authorised service centres only, which may be advised by the supplier or distributor.

## Trademarks

Windows 98, Windows XP, Windows 2000 and Windows NT are registered tradenames of the Microsoft Corporation.

IBM is the tradename of the International Business Machines Inc

All trademarks and tradenames are acknowledged.

## Contents

1	Basic options within the 'New Inspection' dialogue (CAD).....	6
1.1	Tutorial pre-requisites.....	6
1.2	Tutorial objectives.....	6
2	Introduction.....	7
3	Setting up the basic parameters prior to writing a part program .....	8

## 1 Basic options within the 'New Inspection' dialogue (CAD)

### 1.1 Tutorial pre-requisites

- None

### 1.2 Tutorial objectives

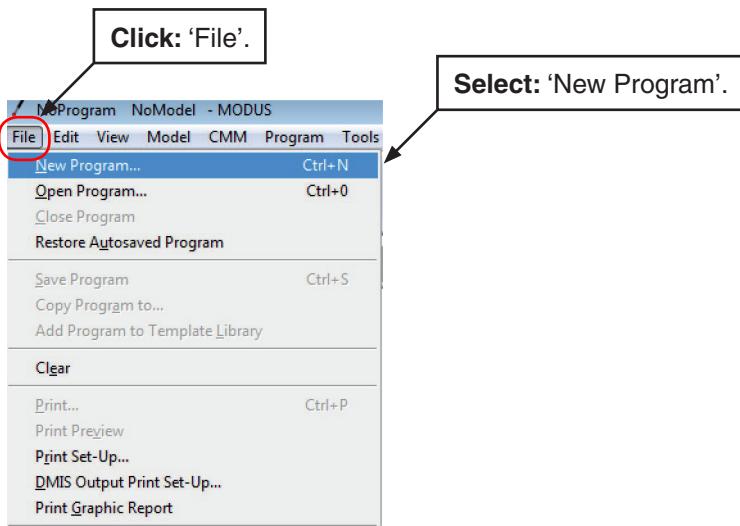
- Consideration of settings required in advance to writing a part inspection program

## 2 Introduction

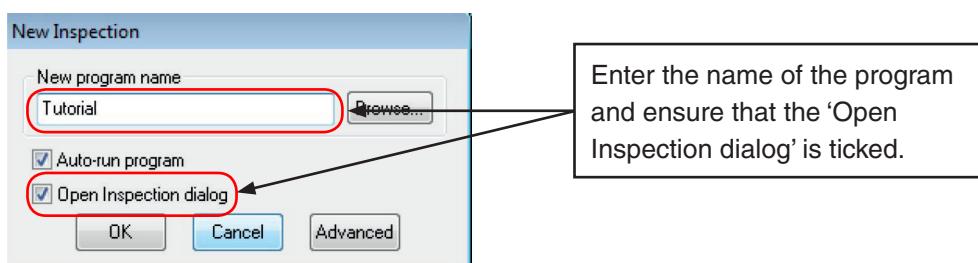
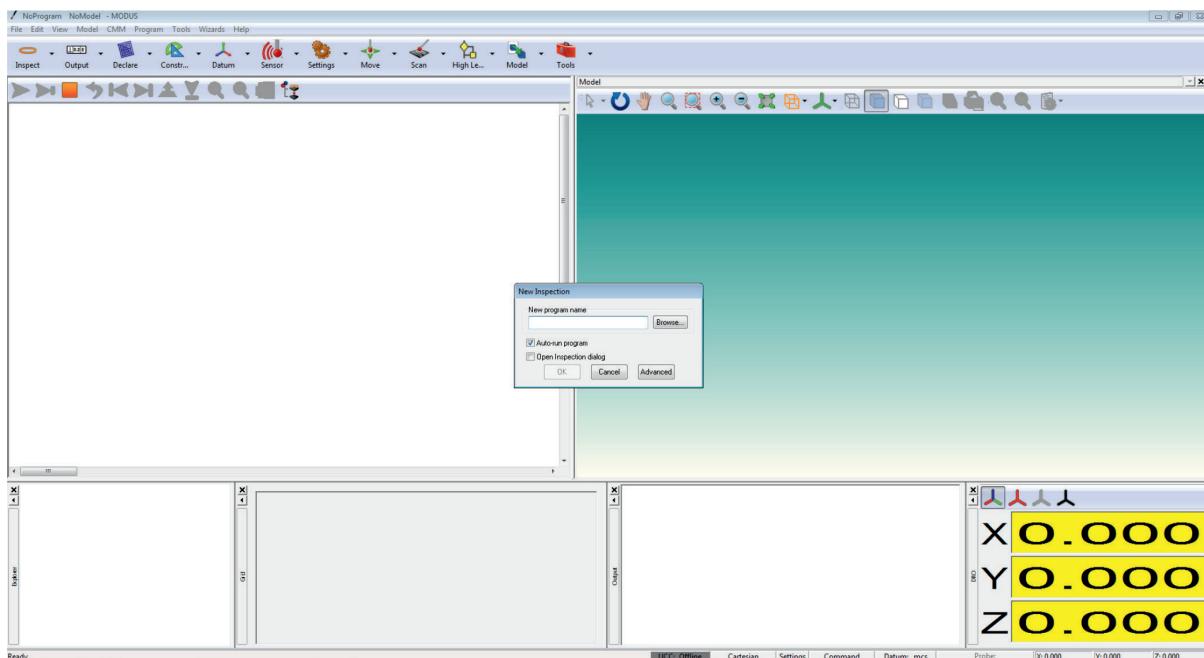
The 'New inspection' dialogue box allows the user to select certain settings prior to writing a new part inspection program. This tutorial will demonstrate the most commonly used settings.

### 3 Setting up the basic parameters prior to writing a part program

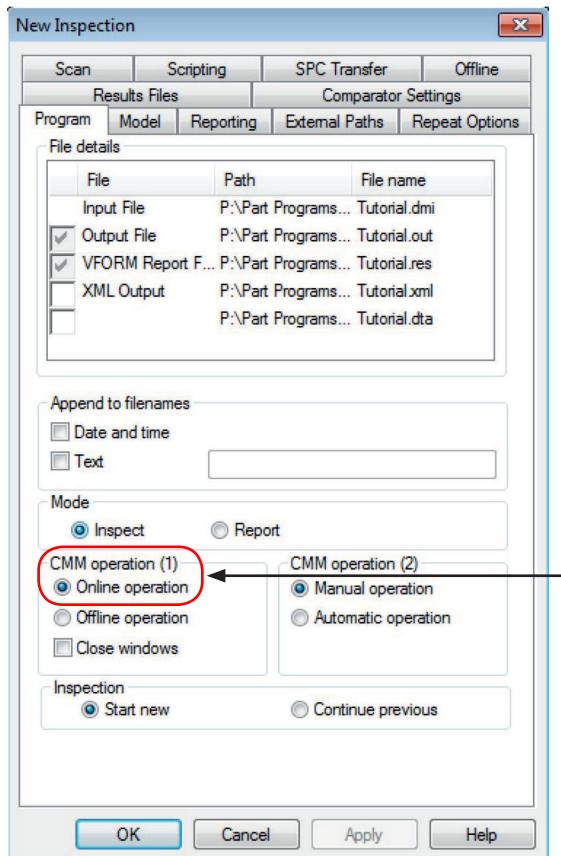
When creating a new program there are some basic options that need to be considered and set within the 'New Inspection' dialogue. This tutorial explains how to carry this out:



The following screen will appear:

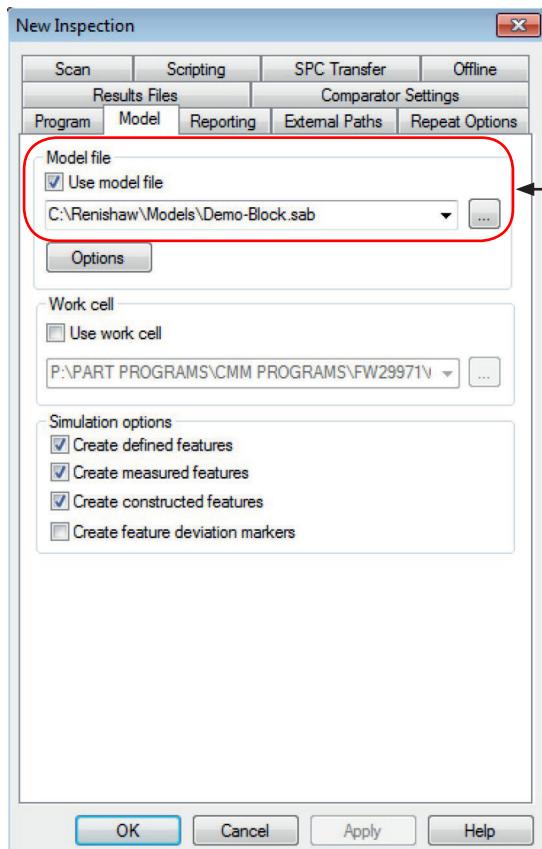


This will allow basic parameters to be modified in the inspection dialogue.



On the 'PROGRAM' tab all settings should be left as default with the exception of 'CMM operation (1)'.

Ensure that this is set to 'Online operation'.



On the 'Model' tab all settings should also be left as default with the exception of 'Model file'.

To measure using a CAD model use the 'Browse' button to navigate to the location of the CAD file. This will ensure that the model is displayed as soon as the program opens.

As can be seen by the number of tabs in this dialogue box, there is much more functionality that has not been discussed or explained in this tutorial. This additional functionality will however be covered in subsequent tutorials.

**Renishaw plc**  
New Mills, Wotton-under-Edge,  
Gloucestershire, GL12 8JR  
United Kingdom

**T** +44 (0)1453 524524  
**F** +44 (0)1453 524901  
**E** uk@renishaw.com  
[www.renishaw.com](http://www.renishaw.com)

**RENISHAW**®  
apply innovation™

For worldwide contact details,  
please visit our main web site at  
[www.renishaw.com/contact](http://www.renishaw.com/contact)



H - 1 0 0 0 - 5 3 0 6 - 0 1